

## I CLAIM:

1. A heat dissipating device, comprising:

5                   a plurality of heat dissipating plates, each having a stack plate portion and at least one fin plate portion that extends integrally from said stack plate portion, said stack plate portions of said heat dissipating plates being in close contact with one another and cooperatively forming a stack part with a flat contact face adapted to be placed 10                   on a heat generating article, said fin plate portions of said heat dissipating plates being bent from said stack plate portions to extend divergently away from said stack part, said fin plate portions having confronting surfaces which 15                   diverge away from one another.

2. The heat dissipating device as claimed in Claim 1, wherein each of said dissipating plates has a pair of said fin plate portions which extend from said stack plate portion in opposite directions.

20                   3. The heat dissipating device as claimed in Claim 2, wherein each of said fin plate portions has an area greater than that of said stack plate portion.

25                   4. The heat dissipating device as claimed in Claim 2, wherein said stack plate portion has a bottom edge to form said contact face, a top edge that is opposite to said bottom edge, and two opposite side edges interconnecting said top and bottom edges and

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5 having said fin plate portions extending therefrom, each of said fin plate portions having a top edge that is higher than said top edge of said stack plate portion, a bottom edge, and an inclined edge interconnecting said top edge of each of said fin plate portions and said top edge of said stack plate portion.

5. The heat dissipating device as claimed in Claim 4,  
wherein said bottom edge of said stack plate portion  
is higher than said bottom edge of each of said fin  
plate portions.

6. The heat dissipating device as claimed in Claim 4,  
wherein each of said heat dissipating plates has  
a plurality of said fin plate portions which extend  
respectively from said top edge and said side edges  
of said stack plate portion.

7. The heat dissipating device as claimed in Claim 1,  
wherein each of said dissipating plates has one of  
said fin plate portions which extends from said  
stack plate portion in a direction opposite to said  
contact face.

8. The heat dissipating device as claimed in Claim 1,  
wherein said fin plate portions of said heat  
dissipating plates further have extension plate  
portions extending therefrom opposite to said stack  
part in a parallel relationship.

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9. The heat dissipating device as claimed in Claim 1,  
wherein said fin plate portions have ventilation  
openings adjacent to said stack part.

5 10. The heat dissipating device as claimed in Claim  
1, further comprising means for fastening said  
stack plate portions together.

11. A heat dissipating device, comprising:  
10 a stack part having a contact face adapted to  
be placed on a heat generating article, and  
including a plurality of stack plate portions which  
are placed in close contact with one another and  
which extend transversely of said contact face;  
and

15 20 a plurality of fin plate portions extending  
divergingly from said stack part and having  
confronting surfaces which diverge away from one  
another, at least every other one of said stack  
plate portions being connected to one of said fin  
plate portions, each of said fin plate portions  
being bent from a corresponding one of said stack  
plate portions.

12. The heat dissipating device as claimed in Claim  
11, wherein all of said stack plate portions are  
connected respectively to said fin plate portions.

25 13. The heat dissipating device as claimed in Claim  
11, wherein said stack plate portions are thicker  
than said fin plate portions.

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14. The heat dissipating device as claimed in Claim  
11, wherein said fin plate portions are perforated  
to form ventilation openings.

5 15. The heat dissipating device as claimed in Claim  
14, wherein said ventilation openings are  
elongated along first directions substantially  
parallel to lines along which said fin plate  
portions are bent, said ventilation openings in  
each of said fin plate portions being aligned with  
10 said ventilation openings in other ones of said  
fin plate portions.

10 16. The heat dissipating device as claimed in Claim  
14, wherein each of said fin plate portions has  
one of said ventilation openings disposed adjacent  
15 to said stack part.

15 17. The heat dissipating device as claimed in Claim  
11, wherein said stack plate portions are arranged  
in parallel planes, said fin plate portions  
extending along planes inclined with said parallel  
20 planes.

20 18. The heat dissipating device as claimed in Claim  
11, wherein said fin plate portions further have  
extension plate portions which extend in parallel  
from said fin plate portions opposite to said stack  
25 part.

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19. The heat dissipating device as claimed in Claim 11, wherein each of said stack plate portions has a plurality of sides which are connected respectively to a plurality of said fin plate portions.